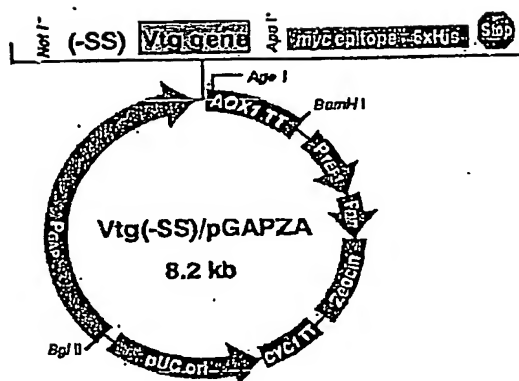
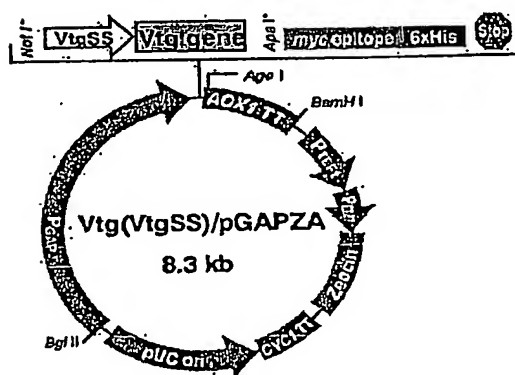


Fig.1

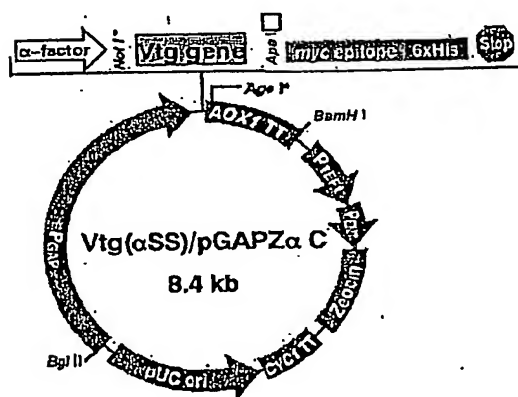
(A)



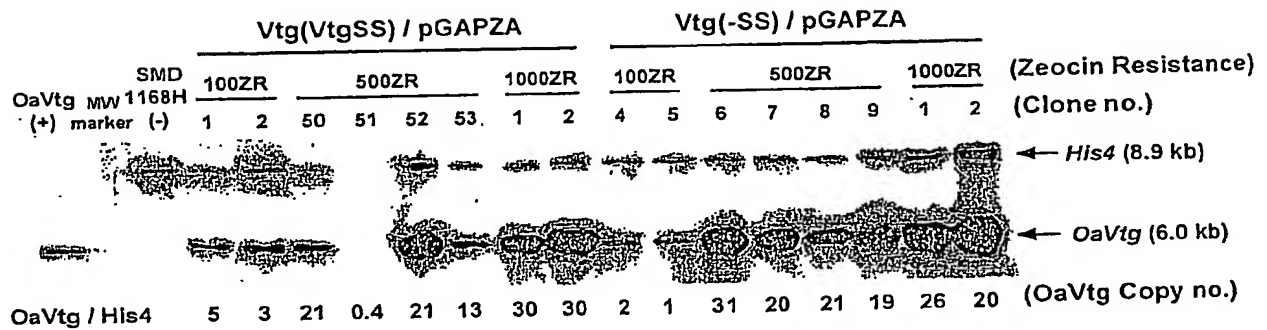
(B)



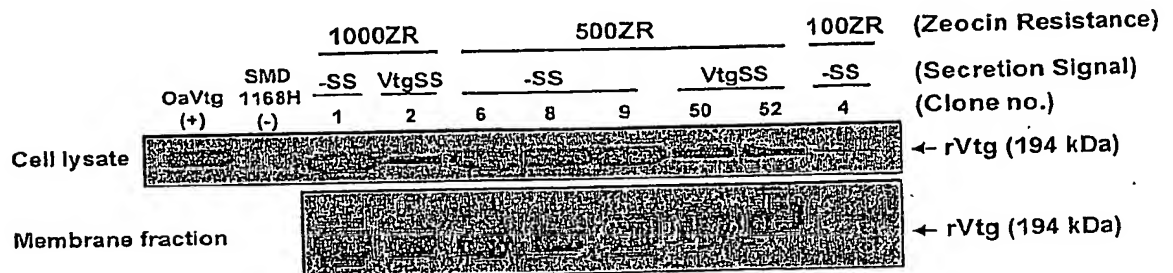
(C)

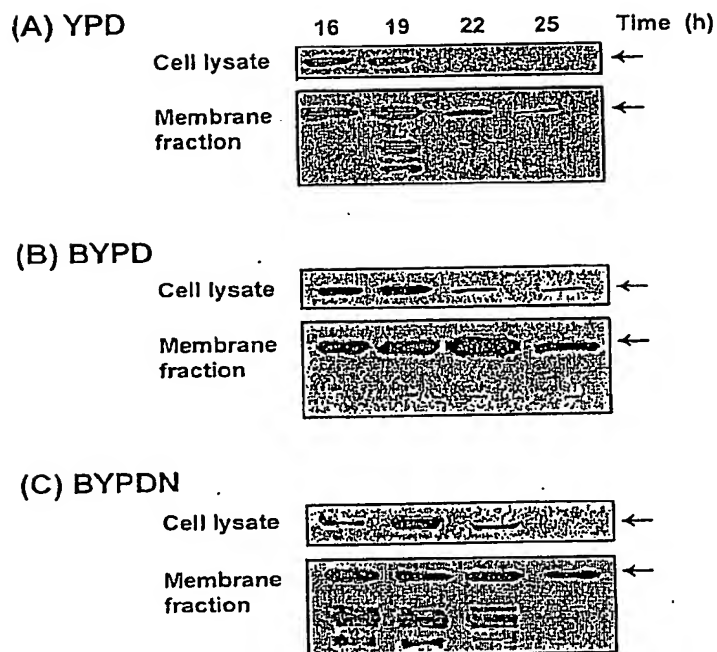


(A)

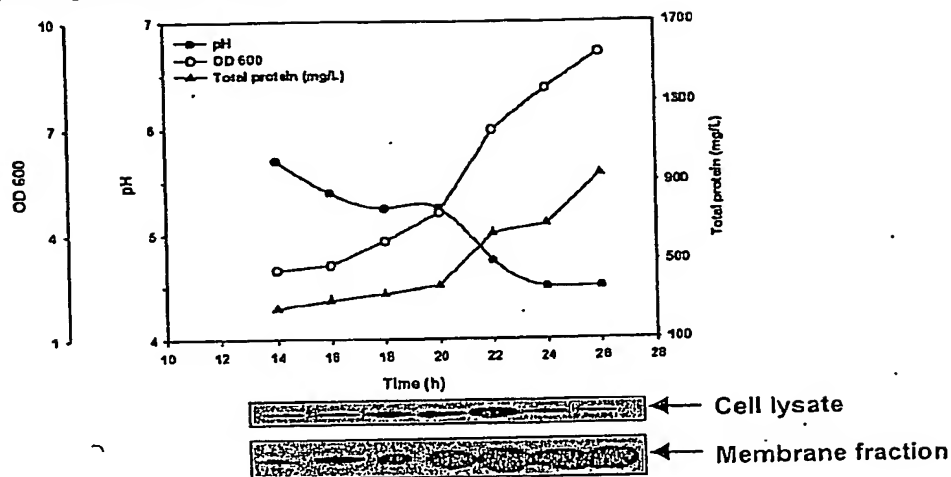


(B)

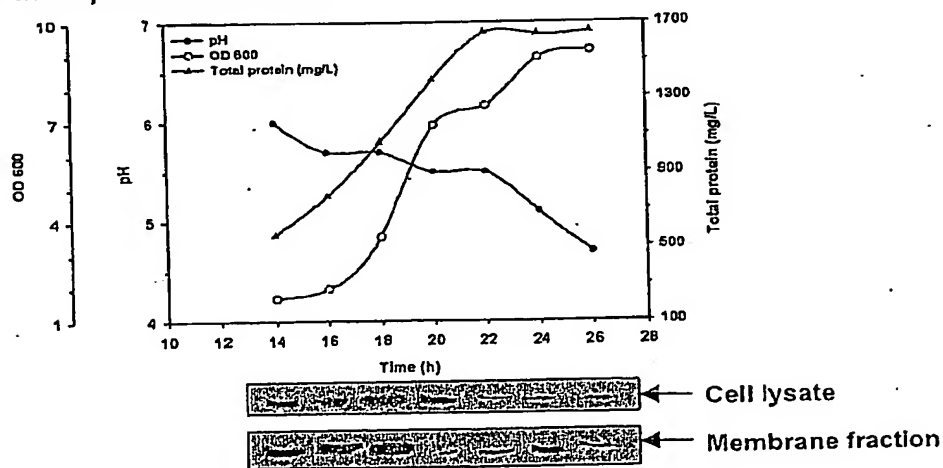




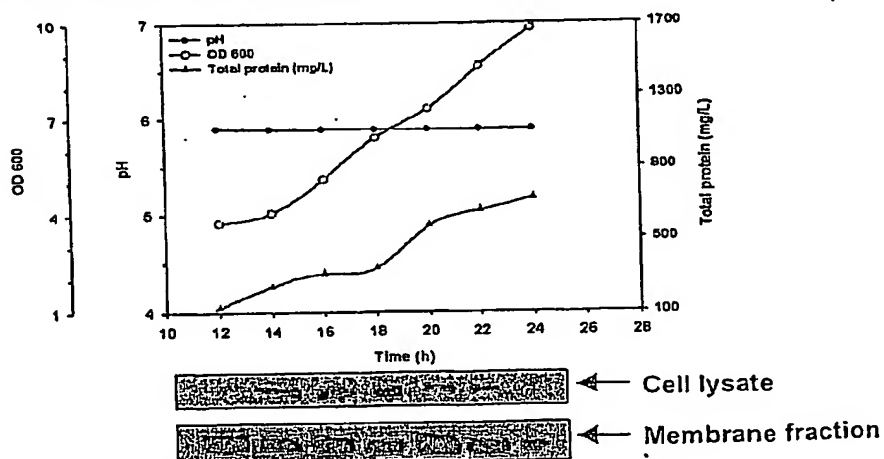
(A) Single shake flask



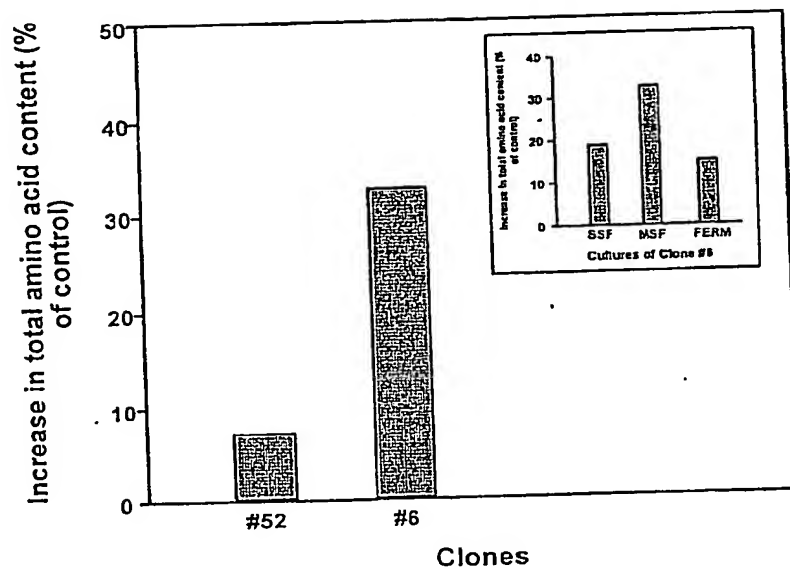
(B) Multiple shake flasks



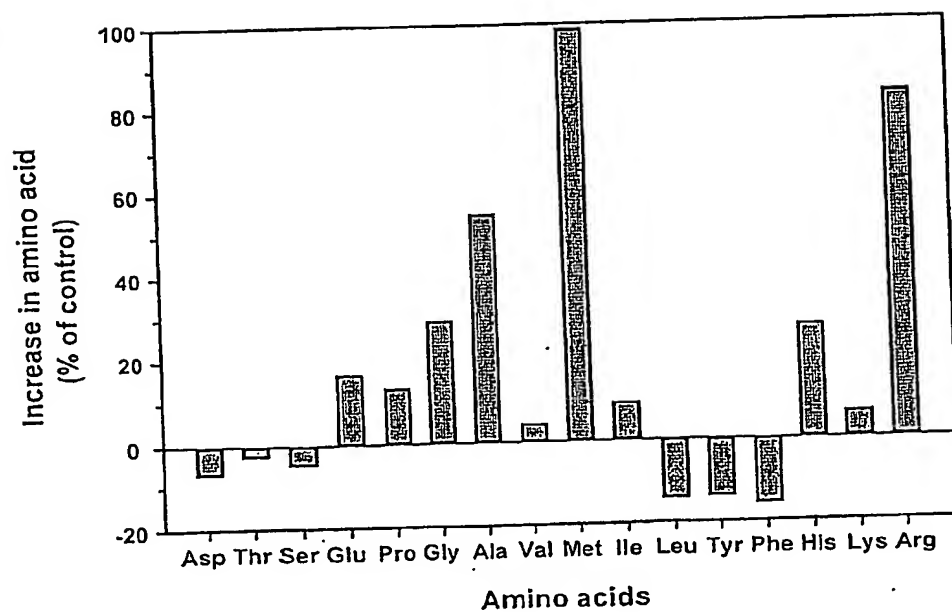
(C) Fed-batch fermentation



(A)



(B)



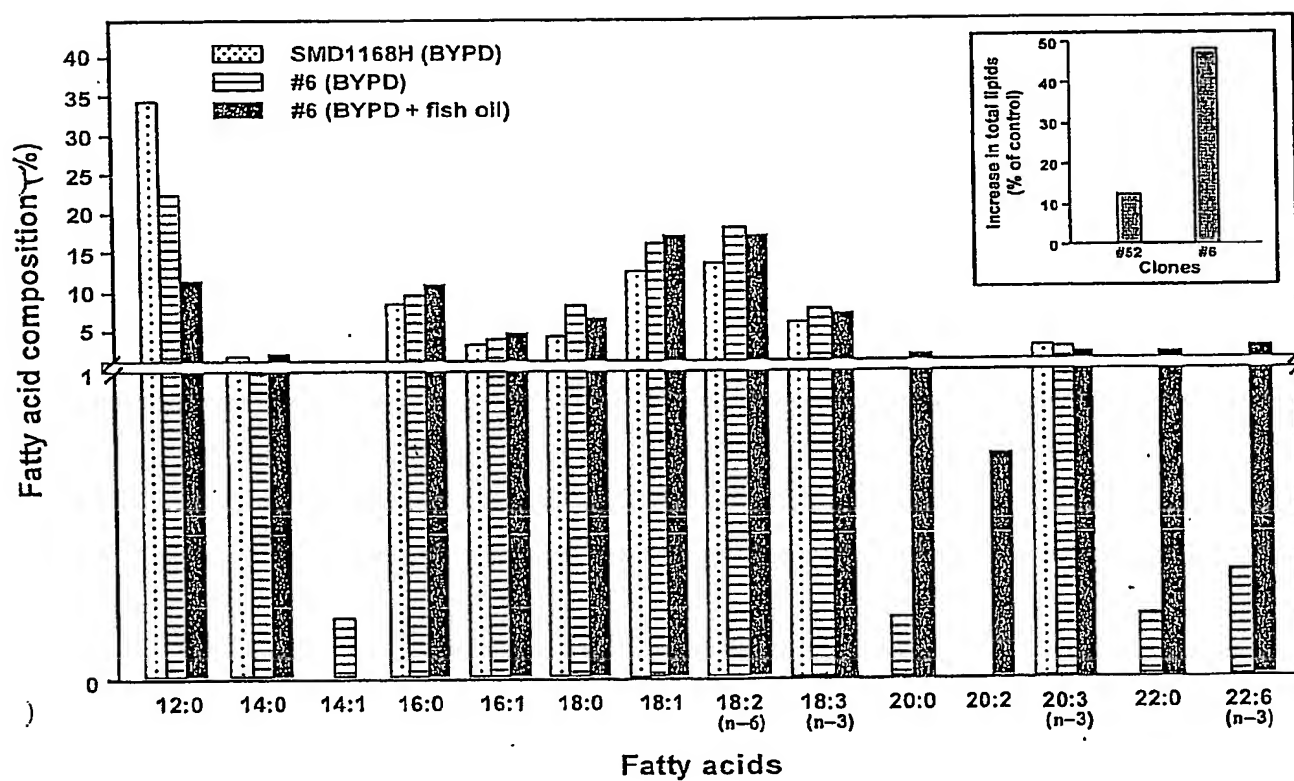


Fig. 7

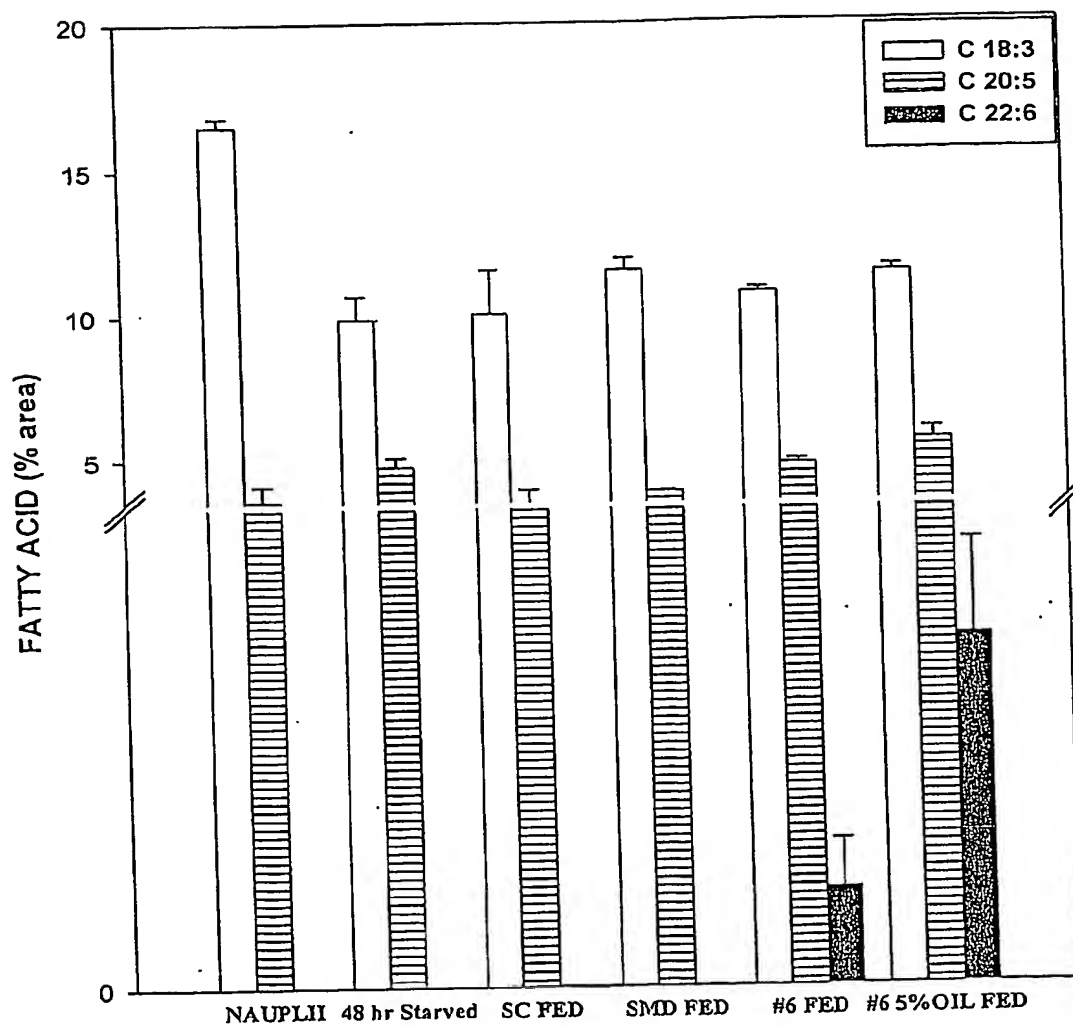


Fig. 8

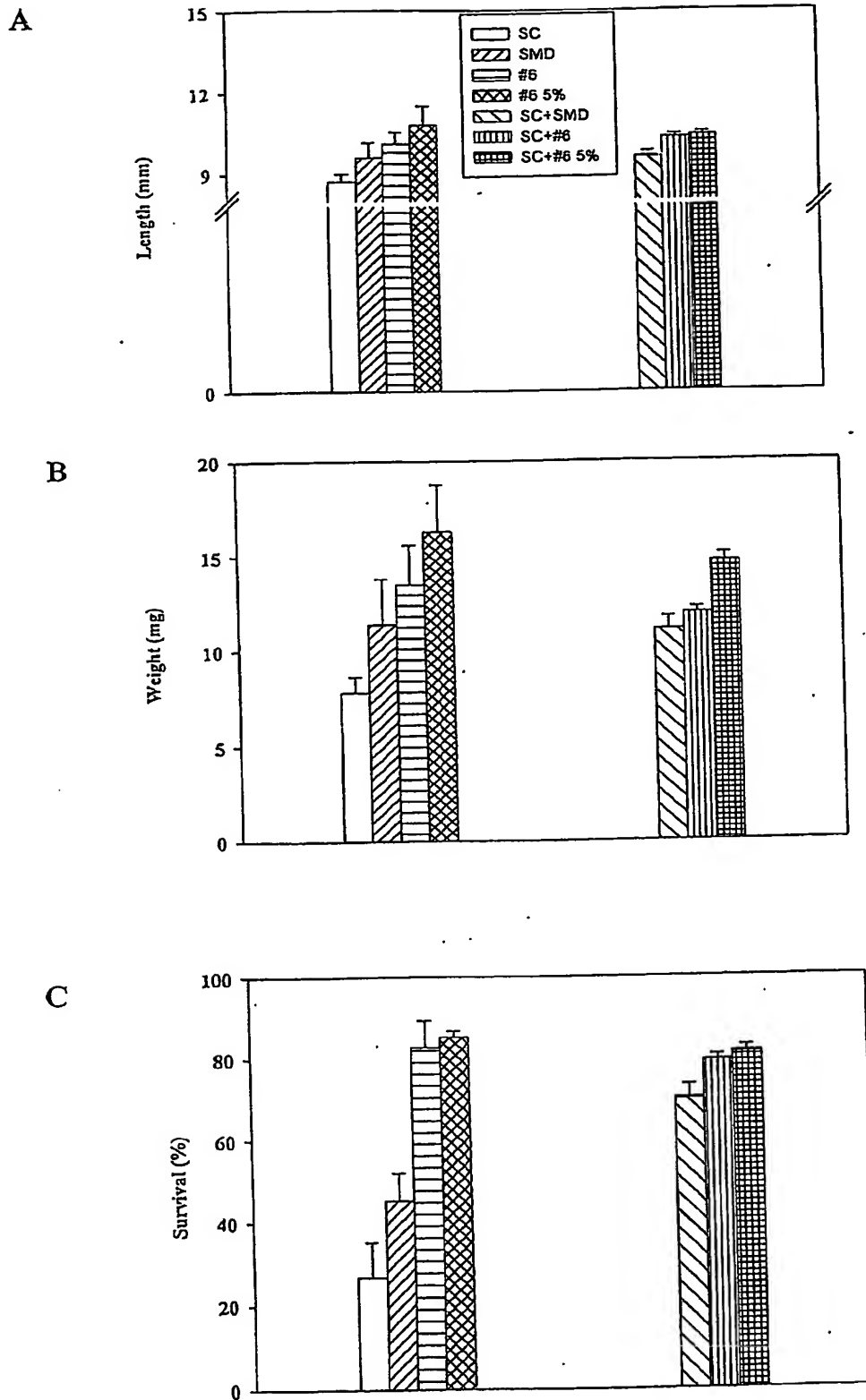


Fig. 9

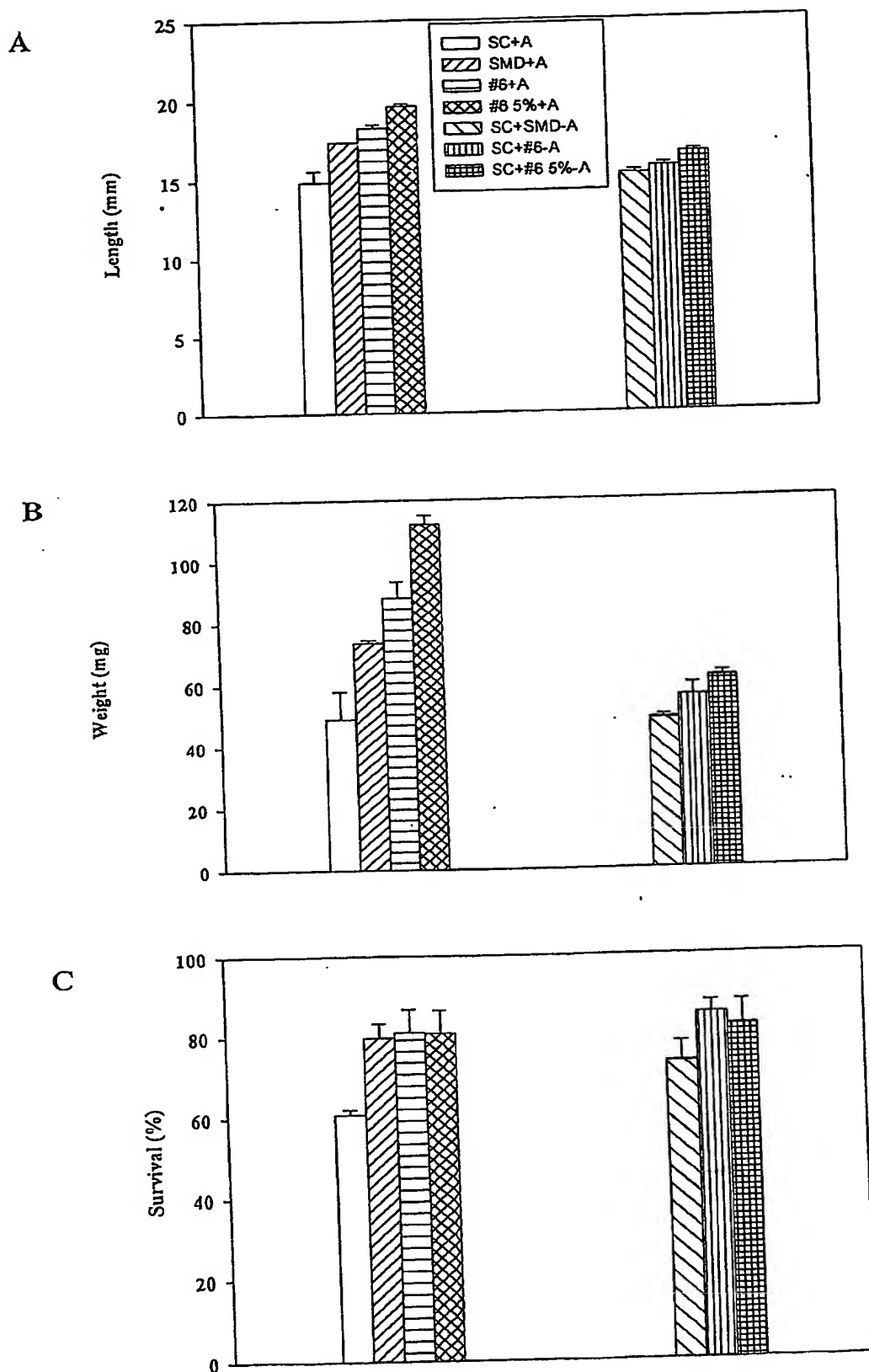


Fig. 10

